

ABSTRACT

The present invention relates to a communication system, a communication device, and a communication method for easily solving a problem of a hidden terminal.

Communication devices 1 and 3 determine whether or not an electromagnetic wave at the level of a magnetic-flux density TH1 or more for determining the suppression of the output of carrier. When the electromagnetic wave at the level of the magnetic-flux density TH1 or more for determining the suppression of the output of the carrier is not detected, the communication devices 1 and 3 start the output of the electromagnetic wave. A communication device 2 needs the electromagnetic wave at the level of a magnetic-flux density TH2 or more of the carrier at an operating limit, which is higher than the magnetic-flux density TH1 for determining suppression of the output of carrier so as to obtain data via the electromagnetic wave. The present invention is applied to, e.g., an IC (Integrated Circuit) card system.